

1 51611/MEG/M521

DISPLACEMENT DEVICE

CROSS-REFERENCE

OK to Enter
Sub Spec
09/14/05
RAB

This application claims priority of German Application No. 199 26 994.7 filed June 8, 1999. This application is also a continuation of patent Application No. 09/592,485, filed June 8, 2000, the disclosure of which is incorporated fully herein by reference.

BACKGROUND OF THE INVENTION

The invention relates to a displacement device.

From DE 41 20 617 C2 a displacement device is known which has a load torque lock with which torque on the drive side is transferred in both directions to an output element while torque on the output side is blocked in both directions by the load torque lock and the force is introduced into a displacement housing and is consequently not transferred to the drive element.

Between the drive element and the load torque lock the torque on the drive side is transferred by means of elements which engage in each other with keyed engagement. Since the position of the locking elements of the load torque lock changes through tolerances and wear as a result of high flat surface pressures, in order to reach the required functional reliability of the known displacement device it is necessary to incorporate a large play so that during functioning a torsion angle play is present between the interengaging elements without which a stepped transfer or change of direction of the torques on the drive side is not possible. A minimum torsion angle play must also therefore be present between the interengaging elements of the drive element and